

Converting Colors

YUV(110.3000, 28.9391,
51.4799)

Have a look what the booklet for
YUV(110.3000, 28.9391, 51.4799)
contains.

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Color

**YUV(110.3000, 28.9391,
51.4799)**

Conversions

Conversions Part 1

Format	Color
Hex	A945A9
RGB	169, 69, 169
RGB Percent	66%, 27%, 66%
CMY	0.3373, 0.7294, 0.3373
CMYK	0.00, 0.59, 0.00, 0.34
HSL	300°, 42%, 47%
HSV	300°, 59%, 66%
XYZ	25.6517, 15.5558, 39.1867
YIQ	110.3000, 27.5000, 52.3000

Conversions

Conversions Part 2

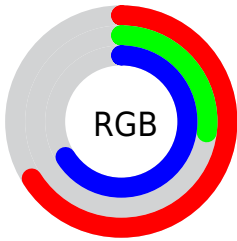
Format	Color
R_{YB}	169, 69, 169
Decimal	11093417
CIE _{Lab}	46.39, 54.21, -34.70
CIE _{LCh}	46, 64.367, 327.378
Yxy	15.5558, 0.3191, 0.1935
Android (android.graphics.Color)	4289283497 (0xFFA945A9)
YUV	110.3000, 28.9391, 51.4799
Hunter-Lab	39.4409, 47.0721, -31.2993

Details

The YUV color **110.3000, 28.9391, 51.4799** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **127.7000, -28.9391, -51.4799**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7240, 29.2231, 53.7391**, and **48.4840, 33.2854, 57.4575** is the 20% darker color. If you saturate the color by 10%, you get **100.3210, 33.8587, 60.2315**, and if you desaturate by 10%, it is **120.2790, 24.0195, 42.7283**.

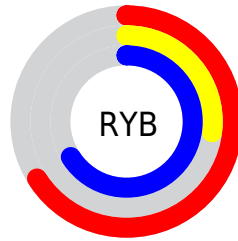
Distribution



Red (66%)

Green (27%)

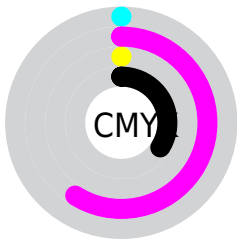
Blue (66%)



Red (66%)

Yellow (27%)

Blue (66%)

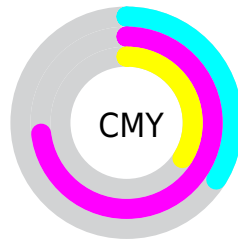


Cyan (0%)

Magenta (59%)

Yellow (0%)

Black (34%)



Cyan (34%)

Magenta (73%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.3000, 28.9391, 51.4799 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 110.3000, 28.9391, 51.4799 by changing the saturation by 10% instead.

■ 110.3000, 28.9391,
51.4799

■ 110.3000, 28.9391,
51.4799

■ 255.0000, 0.0000,
0.0000

■ 82.4140, 29.3759,
51.3799

■ 165.7240, 29.2231,
53.7391

■ 48.4840, 33.2854,
57.4575

■ 193.1370, 29.5125,
54.2539

■ 36.3870, 26.9242,
44.3876

■ 209.8010, 22.2831,
39.6395

■ 25.8770, 20.2736,
30.8029

■ 226.8240, 13.8908,
24.7104

■ 16.1930, 14.2019,
18.2477

■ 243.8470, 5.4984,
9.7812

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,

0.0000

■ 110.3000, 28.9391,
51.4799

■ 110.3000, 28.9391,
51.4799

■ 100.3210, 33.8587,
60.2315

■ 120.2790, 24.0195,
42.7283

■ 90.3420, 38.7784,
68.9831

■ 130.2580, 19.0998,
33.9767

■ 80.3630, 43.6980,
77.7346

■ 140.2370, 14.1802,
25.2252

■ 70.3840, 48.6177,
86.4862

■ 150.2160, 9.2605,
16.4736

■ 69.7970, 48.9071,
87.0010

■ 159.6080, 4.6303,
8.2368

■ 169.5870, -0.2894,
-0.5148

■ 179.5660, -5.2090,
-9.2664

■ 189.5450,
-10.1287, -18.0180

■ 199.5240,
-15.0483, -26.7695

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



109.2300, 48.2006, -13.3567



110.3000, 28.9391, 51.4799



100.4390, 8.1646, 88.1920

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



110.3000, 28.9391, 51.4799



103.1850, -50.8702, 29.6558



96.0830, 30.5251, -84.2648

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



110.3000, 28.9391, 51.4799



127.7000, -28.9391, -51.4799

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.8130, 6.5012, -78.7660



110.3000, 28.9391, 51.4799



96.4420, -47.5459, -10.0346

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



110.3000, 28.9391, 51.4799



102.3280, -47.4897, 65.4873



81.0810, -16.8019, -71.1080



98.6370, 50.4650, -86.5046

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



110.3000, 28.9391, 51.4799



98.4060, -8.5812, 92.6059



81.0810, -16.8019, -71.1080



94.7320, 22.8101, -83.0800

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



110.3000, 28.9391, 51.4799



196.1070, 11.2862, 20.0772



80.4000, 43.6798, -9.9978



95.9120, 6.9454, 12.3552



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



110.3000, 28.9391, 51.4799



128.0150, 44.8556, 79.7938



104.6000, 7.0992, 56.4788



79.3040, 2.3151, 4.1184



61.1240, 42.8299, 76.1903



8.2600, 5.7878, 10.2960

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



110.3000, 28.9391, 51.4799



128.0150, 44.8556, 79.7938



133.4000, -7.0992, -56.4788



79.3040, 2.3151, 4.1184



61.1240, 42.8299, 76.1903



8.2600, 5.7878, 10.2960

Previews

White Background



This preview shows how the YUV color 110.3000, 28.9391, 51.4799 looks on a white background.

Color Contrast Check

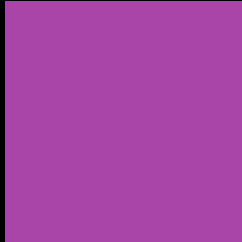
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 110.3000, 28.9391, 51.4799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

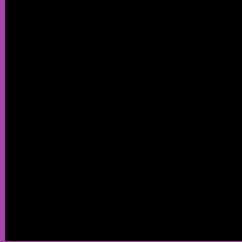
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 110.3000, 28.9391, 51.4799

Background



This preview shows how black text looks on a background with the YUV color 110.3000, 28.9391, 51.4799.



This preview shows how white text looks on a background with the YUV color 110.3000, 28.9391, 51.4799.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

110.3000, 28.9391, 51.4799

Protanopia

104.3040, 49.1501, -37.9776

Deuteranopia

109.6490, 25.8090, -18.1092



Tritanopia

111.0270, -7.4083, 42.9493

Trichromacy



Original Color

110.3000, 28.9391, 51.4799



Protanomaly

106.2650, 41.7744, -5.4944



Deuteranomaly

109.8570, 27.1855, 7.1414



Tritanomaly

110.8930, 5.9688, 45.6978

Monochromacy



Original Color

110.3000, 28.9391, 51.4799



Achromatopsia

110.0000, 0.0000, 0.0000



Achromatomaly

109.8680, 10.4181, 18.5328

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.3000, 28.9391, 51.4799 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(169, 69, 169)` looks like.

```
.text, #text, p{  
    color:rgb(169, 69, 169)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(169, 69, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 69, 169) }
```

Border

The CSS property to change the border of an element to YUV 110.3000, 28.9391, 51.4799 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 69, 169) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(169, 69, 169) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(169, 69, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 69, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 69, 169); box-shadow:4px 4px 4px 4px rgb(169, 69, 169) }
```

Background

The CSS property to change the background color of an element to YUV 110.3000, 28.9391, 51.4799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 69, 169) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(169, 69,  
169) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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